

Töpler, W. THE PROBLEM OF WEIGHING MOVING VEHICLES ON A GRADIENT. [1961]. Order from BISI # Trans. of Eisenbahntechnische Rundschau (West Germany) 1959, Sonderausgabe 11. Sep, p. 73-78. (Machinery--Transport, TT, v. 5, no. 6)	61-12565 I. Vehicles--Measurement 1. Töpler, W. II. BISI-1945 III. British Iron and Steel Industry Translation Service Office of Technical Services
--	--

Consumer Credits and Savings Deposits [Yugoslavia],
by P. Topic.

CROATIAN, per, Finansije, Belgrade, Jul 1959,
pp 449-454.

IND Sum 2370

ECAR - Yugoslavia

Econ

Oct 59

99,408

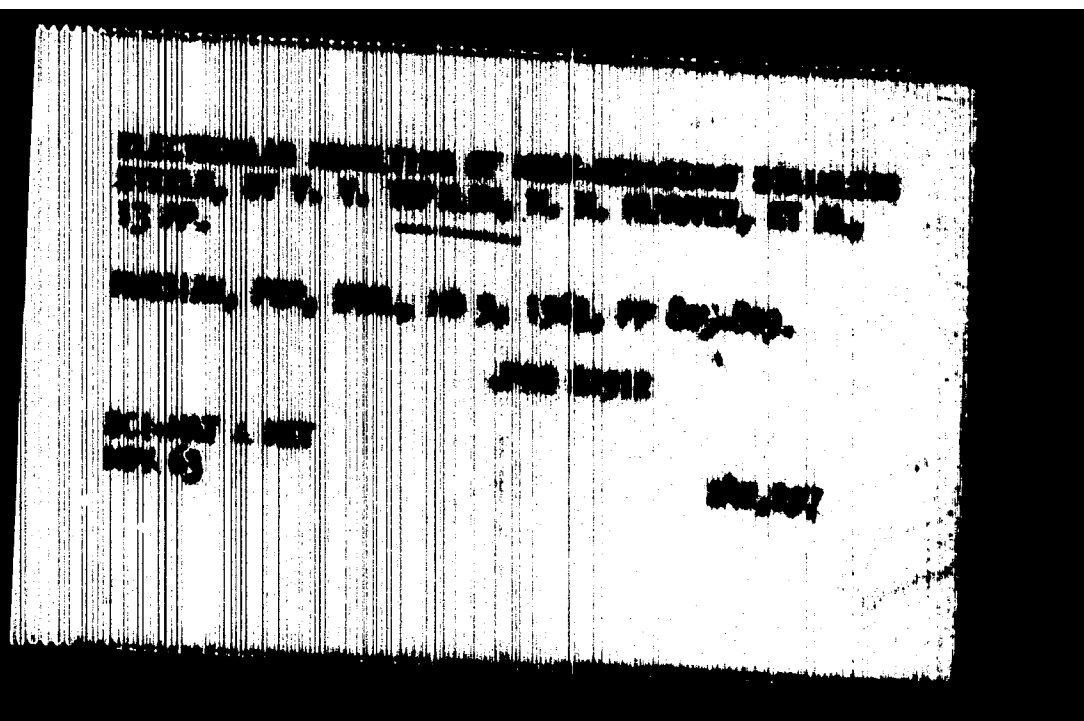
Effect of Electroslag Remelting of High Alloyed
Steel and Alloys on the Removal of Nonmetallic
Inclusions, by M. M. Klyuyev, V. V. Topilin,
14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Metall
No 1, 1962, pp 78-88 89. 9678945

FTD-TT-62-1249

Sci-Min/Metals
Dec 62

219,368



✓ New Technique in Chemical Protection of Yield,
by F. Topil'skiy, E. Malova.

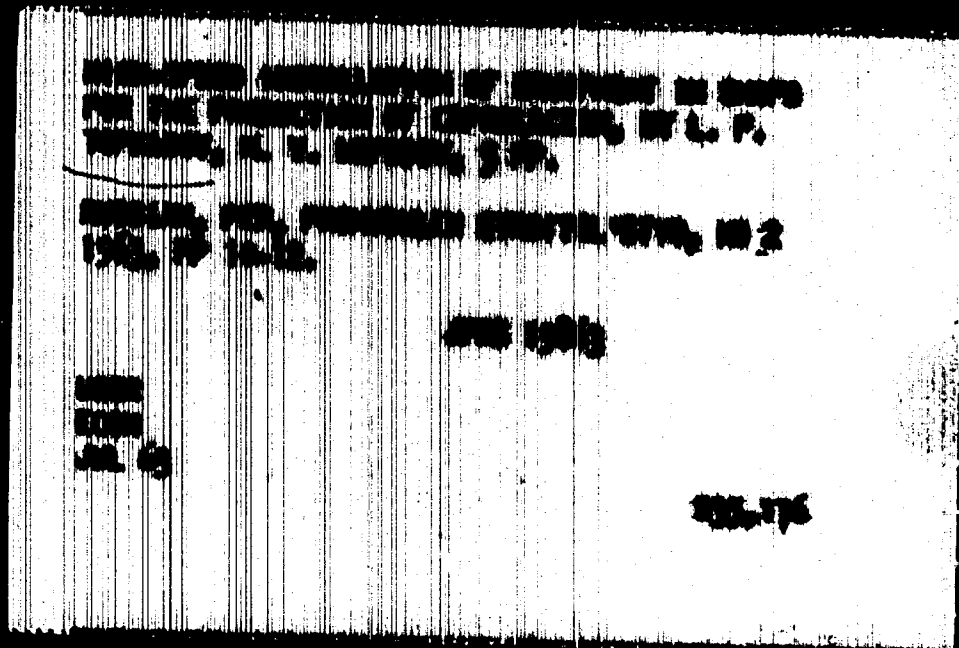
RUSSIAN, seminar per, Tekhnosvet, MTS, Vol XV, Dec 1954,
No 24, pp 1-14. CIA D 507509

USDA

USER
Economic - Agriculture

36,189

Jun 56 CTS/dax



Ultra-Violet Investigations Concerning the C-O and
the C-N Chromophore, by J. Schurz, E. Treiber, and
H. Toplek, 7 pp.

GERMAN, JER per, Z. Elektrochem, Vol 60, No 1,
1956, pp 67-70.

SIA TR 57-1788

Sci

65,778

The Application of the Indirect Fluorescent Antibody
Method to Detect Rabies Virus, by K. A. Topleninova,
4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 2, 1961,
pp 174-177.

PP

Sci

Aug 62

100, 100

(DC-6633)

Use of the Indirect Method of Fluorescent Antibodies in the Diagnosis of Lymphocytic Choriomeningitis, by P. I. Ramesov, K. A. Toplaninova, 11 pp.

RUSSIAN, per, Veterinariya, Vol XXXVIII, No 9, 1960, pp 84-85.
6

JPIS 12875

Eol - Mad
Mar 62

189,642

Toplica, Odo. THE CALCULUS: A GENETIC APPROACH, tr. by Luise Lange. 1963, 192p. Order from University of Chicago Press, 5750 Ellis Ave., Chicago 37, Ill., \$6.50 Trans. of unidentified German language mono., n.p., n.d. DESCRIPTORS: Mathematics, *Calculus (Mathematics, TT, v. 9, no. 12)	63-17244 J. Toplica, O. U. Chicago U. Press, Ill. 4040261 Office of Technical Services
--	--

16
Preliminary Data on Psychoses Observed Under the
Effect of Chlorpromazine, by J. F. Moreau, G. Fagot, 9 pp.
Ciba Co., publ. *Chlorpromazine Psychosis*, Vol. I, IX,
No. 1, 1964, pp. 84-92. 000000
FEB-17-64-16

Sci - Med & Med Sci
Jan 64

272,068

(HY-6244)

Czechoslovak Studies of the Relation Between
the Sex Chromatin and Hormone Treatment of
Carcinoma of the Breast, by O. Topol, V.
Bergstein, M. Liska, 10 pp. OFFICIAL USE ONLY

CZXXXI, par, Ceskoslovenska Rentgenologie,
Vol. XV, No 1, Feb 1961, pp 17-23.

JPRS 10112

Sci - Med

Oct 61

171, 118

Let's Expand our Ideological Offensive, by D.
Topolska - B. Svorenova, 6 pp

CZECHOSLOVAKIAN, no par, Predvoj , No 2,
Bratislava, Jan 58, pp-1-2

US JPRS/DC-173
CSO DC-50/10

EEur - Czech

Pol

Jun 58

64, 717

More Machines for Construction, by Fryderyk Topolski.
(Wk Koon lht on KBar, 249)

POLISH, per, Przegląd Budowlany, Warsaw, Mar 1959,
pp 113-115.

CIA/FTD Sun 2193

KBar - Poland
Koon
May 59

86,796

Data on Immunization Against Grippe With Zhdanov
Living Vaccine, by S. I. Topolovskaya, M. S. Lev,
E. I. Lurina, A. A. Borenshtein, M. A. Gerasimov,
3 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i
Immunobiol, No 9, 1954, pp 16-20.

NIH

Sch - Medicine
Jan 1957, CMB/dmk

443,220

Electron Loss and Capture in Collisions Between
Fast Hydrogen Atoms and Molecules of Gases, by
Ya. M. Fogel, V. A. Ankininov, D. V. Piliipenko,
E. V. Topolia, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 3, 1958, pp 579-592.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 3

Sci - Physics

Oct 58

75, 406

The Significance of Larval Food in the Etiology
of American and European Foulbrood of the
Honeybee, by S. Matuka, E. Topolnik, 5 pp.

SERBO-CROATIAN, par, Veterinarski Arhiv, Vol XXII,
No 3-4, 1952, pp 151-156. 9086736

OTS 60-21682
PL-480

199,456

Sci - Med

Jun 62

The Culture of B. Larvae on a Medium Containing
Thiamine, by S. Matuka, B. Topolnik, 3 pp.

SERBO-CROATIAN, par, Veterinarski Arhiv, Vol XXII,
No 9-10, 1952, pp 375-377. 9086736

OTS 60-2168⁴
FL-480

199,458

Sci - Med

Jun 62

(DD 20357)

Correctness of the Logarithmic Law Governing the
Variation of Air Temperature With Altitude, by
N. M. Topol'nitskiy, 6 pp.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Geograf i
Fiz, Vol XIII, No 1, Moscow, Jan/Feb 1949, pp
1-6.

CXA/PDD/U-5593

10,313

Geophysics, air temperature vs altitude

(NY-6383)

f
Work of the Institute of Virology of the
Czechoslovak Academy of Sciences, by Drahotina
Topolaka, 7 pp.

CZECH, per, Predvoj, Vol IV, No 24, 9 Jun 1960,
pp 4-5.

JPRS 9822

INDEX

REF: - Czechoslovak

Pol.

Aug 61

163,080

6-D

The Debate of Socialist Morale Their Way of Living,
by Maria Topolaka, 5 pp.

CZECH, per, Predvoj, No 38, Bratislava, 18 Sep
1958, p 11.

US JPRS L-1424-D

Editor - Czech

Box

Jan 59

79,511

CRITICISM OF DESIGN BUREAU OPERATION IN THE
UZBEK SSR, BY G. VINOKUROV, YU. TOPOL'SKIY,
6 PP.

RUSSIAN, PER, NARODNOYE KHOZYAYSTVO UZBEKISTANA,
NOV 1962, PP 63-67.

JPRS 17572

USSR
ECON
FEB 63

221,670

Magnetic Moment of Helmholtz, by K. D. Birkhoff,
B. G. Saffronov, N. V. Popova, 10 pp

RUSSIAN, 10, 0 Magnetic Moments Helmholtz
Saffronov, 1960. 9394127

AEC 77-14725

Sci - 1025
Dec 60

176, 824

On Reconstructing the Energy Gap in a Superconductor
From Measurements of Sound Attenuation, by V. L.
Pokrovskiy, V. A. Toponogov, 4 pp.

HUSSIAN, par, Zhur Eksp. i Teoret. Fiz., Vol XL,
No 4, 1961, pp 1112-1114.

Internat'l Physical Index
Physics Express
Vol IV, No 2

Sci - Phys

Feb 62

184, 427

Reconstruction of the Energy Gap in a Superconductor
by Measurement of Sound Attenuation, by V. L.
Pokrovskiy, V. A. Toponogov 2 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL, No 4,
1961, pp 1112-1114.

AIP
Sov Phys - JETP
Vol XIII, No 4

169, 491

Sci
Sep 61

~~RESTRICTED~~

The Determination of the Transference Numbers
for Fused Thallium (I)-Nitrate, by I. G.
Murguleson, D. Topor.

GERMAN, DDR, Zeitschrift fuer Physikalische
Chemie, Vol. CXXII, Nos 1-2, May 12, 1961,
pp 134-139. 9205007

ABC-Tr-5570

Sci + Chem

Apr 63

~~226,589~~
226,859

4
The Need for Air Transport and the Role of This Mode of
Transportation in the Transportation System, by
Marin Teodorescu, George Popar, 18 pp.
ROMANIAN, per, Revista Transporturilor, Vol X, No 12,
1963, pp 352-361.
JPRS 23863

EE-Humanities
Econ
Mar 64

253, 072

Specular Reflection from a Rough Surface, A.S. Toporet
5 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 1,
1964, pp 102-111.

Optical Soc of Amer

Sci

May 64

258,394

(NY-2700)

INTENSIFICATION OF AGRICULTURAL PRODUCTION UNDER
CONDITIONS OF SOCIALIST AGRICULTURAL REORGANIZA-
TION, BY V. V. TOPOR, 13 PP.

RUMANIAN, PER, REVISTA DE STATISTICA, VOL XI,
NO 5, 1962, PP 26-34.

JPRS 14778

EEUR - RUMANIA
ECON
AUG 62

206,331

MEMO in the Socialization of Agriculture, by V. ...
Report: (M: Book 100 on EAR, 250)

FORWARDED, per, Problems Economics, Vol. XII, No. ...
December, 1959, pp 63-76.

CIA/DOE 100 100

MEMO - Economic
Book
100 100

88,497

Enlarged Socialist Reproduction on Collective Farms,
by V. V. Topoz, D. Dumitriu. (Wk Econ Rpt on Rur,
245)

ROMANIA, par, Problems Economics, Vol XII, No 2,
Bucharest, Feb 1959, pp 34-48.

CIA/723 Sum 2163

RDar - Romania
Econ
Apr 59

85,843

Memorandum

Creation and Development of the Technical Union in
the Field of Planting Agriculture, by G. M. M.,
U. M. Torgov, 4 pp.

RESEARCH, bk, Economics Research Institute
1964-1965, Dushanbe, 1969, pp 385-387.

JPRS 3626

LEAD - Economics
FROM - Agriculture and Forestry
Aug 60

100, 773

Absorption and Scattering of Light in Plasmas,
by A. G. Toporets, 14 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol IV,
No 4, 1956, pp 494-500.

CIA/FDD XI-679

NOT RELEASABLE TO FOREIGN NATIONALS

Sci. Physics

Sep 59

THIS INTERNAL USE ONLY

98,061

Luminescence Spectra of Phosphors Activated with Silver, ^R
A. S. Toporets, UNCLASSIFIED 9 pp

UKRAINIAN, per, Fizichni Zapiski (Memoires de Physique),
Vol VIII, No 2, pp 161 - 165, 1940.

Navy Tr 426/NRL 359

Sci - Physics

Oct 1951 CTS

Sci Tr 426
DT 144

A12116

Investigation of Diffuse Reflection by Means of
Polarized Light, I., by A. P. Ivanov, A. S.
Topolovskiy, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 3, Mar
1956, pp 623-630.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 3

Sci - Physics
Aug 57

51,779

An Interfering Sphere Attachment to the Spectrophotometer for Measurement of Diffuse Reflection and Transmission Coefficients.
by A. I. Zhukovskiy, 3 pp.

RUSSIAN: per, Optikal Spektro, Vol X, No 4,
1967, pp 530-532.

OSA

531

Sci

166, 2-5-67

Aug 61

Study of Diffuse Reflection From Powders Under
Diffuse Illumination, by A. S. Toporets, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 6,
1959, pp 803-807.

OSA

Sci

Apr 61

149,778

Investigation of Diffuse Reflection by Means of
Polarized Light, II., by A. P. Ivanov, A. S.
Toporets, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 3, Mar
1956, pp 631-635.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 3

Sci - Physics
Aug 57

51,780

Determination of the True Absorption Spectrum of
Light-Dispersing Colored Objects From Their Diffuse
Reflection Spectrum, by O. P. Girin, Z. V. Zhidkova,
B. I. Stepanov, A. P. Ivanov, A. S. Toporets, 1 p.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, pp 728. CIA C 40664

Columbia Tech Tr

Scientific - Physics 31,739 Feb 56 CTS/DEX

A Method of Studying the Electrical Properties of
Fossil Coals, by S. A. Toporets, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 4,
1961, pp 588-594.

AGU

170,308

Sci

Oct 61

Effect of the Mineralogical Composition of
Mineral Mixtures on the Electrical Conductivity
of Coal, by S. A. Toporova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXII, ^{1958,} No 2,
pp 286-290.

Consultants Bureau

Sci

J/A 60

104, 770

The Relationship Between Electrical Conductivity
and Pressure in the Constituents of the Suchan
Coal Beds, by S. A. Toporets, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXX, No 3,
1958, pp 629-.

Consultants Bureau

Sci - Geophys

96,606

Electrical Conductivity of the Constituents of
the Sulfur Dioxide, by E. A. Toporek, 4 pp.

RESEARCH, Vol. 1, No. 1, 1958, pp. 1-4.

Consultants Bureau

Ref - Georgia

Jan 59

79,977

Specific Heat of Iron Ores and Sinters, by
S. G. Bratchikov, G. A. Toporishchov.

RUSSIAN, per, Iz Vysshykh Ucheb i Zaved Khimicheskoy
Chernaya Metallurgiya, Vol V, No 6, 1962,
pp 16-20.

ISI 3424

Sci - M/M
Jan 64

246,376

The Conference held regularly by the Chief of the
Polish Communications Administration, by D.A. Ishin,
Lt. A. Toporov, Tpp

SECRETARIA, per, Vost. Svyazi, No 10, 1963, pp 20-21.

JPRS 20079

2001
JPRS 20079

346, 700

For CTS and DEX

Toporkov, L., "Ulugbek, The City of the Peaceful
Atom.

Pravda Vostoka, 12 Feb 61, p 4.

To be published in JPRS NY-3000
Soviet Precision Equipment (7)

(NY-3000)

Ulugbek -- City of the Peaceful Atom, by L.
Toporkov, 5 pp.

RUSSIAN, ap, Pravda Vostoka, 12 Feb 1961, p 4

JPRS 10024

USSR

Econ

Sep 61

168,018

Prognostic Significance of Minor Neuroses: Enuresis,
Nocturnal Stuttering, Tic Convulsif, etc., by
N. N. Toporkov and A. A. Kazakova, 8 pp

RUSSIAN. Let. Zhur. Nevrol. Psikhiat. Vol
XX, 1927, pp 617-632

Sol-Medico
Mar 58

SIA H-1105

61.633

Magnetic Roasting of Lisakovka Ores in a
'pseudo-fluidized' bed, by V. V. Chukin, V. Ya.
Miller, S. D. Toporkov, V. G. Kurelin, et al,
5 pp.

RUSSIAN, per, Stal, No 11, 1960, pp 966-972.

BISI

Sci

Apr 61

145,399

Use of Different Coagulants for Clarifying the
Slurry Liquors From Coal-Cleaning Plants, by V. Ya.
Toporkov, G. F. Voznyy, P. I. Tankovskiy, 4 pp.

RUSSIAN, per, Koks i Khim, No 10, 1960, pp 3-6.

CTRA

Sel -
Apr 61

147,612.

Methods of Investigating the Frictional Properties of
Polymers under Strong Unidirectional Compression, by
B. V. Deryagin, Yu. P. Toporov. 4 pp.

RUSSIAN, per Kolloid Zhur,
Vol. XXIII, No. 1, 1961, pp. 118-121

CB

193, 935

Sci

Mar 62

Toporkova, I. B.
VITAMIN C BALANCE IN CONNECTION WITH
CHRONIC EXPOSURE OF TOBACCO INDUSTRIAL
WORKERS TO TOBACCO DUST. [1962] 186.
Order from K-H \$32.50

Trans. of Sanitary-Gigienicheski Meditsinski Institut.
Trudy (USSR) 1959, v. 47, p. 1693-1705.

DESCRIPTORS: *Ascorbic acid, *Tobacco, *Toxicity,
*Industrial medicine, *Atmospheric pollution

(Biological Sciences--Toxicology, TT, v. 9, no. 4)

62-17652

I. Toporkova, I. B.
K H-10281-1
Krege-Hanker Science
Library Association,
Detroit, Mich

0227698

Office of Technical Services

Influence of Vibratory Milling on the Reinforcing
Properties of Carbon Black, by A. S. Fialkov,
I. V. Temkin, V. P. Toporova, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 2, 1960,
pp 229-232.

CIB

Sci

May 61

153, 318

(NY-5209)

"The Telegraph-Office Equipment Attendant", by
Ym. A. Toporov, V. V. No ikov, 3 pp.

RUSSIAN, par, Vestnik Svyazi, No 8, 1956.

JPRS 7065

Su1

Aug 61

161,959

Toporov, Yu. P.
ON THE QUESTION OF THE INFLUENCE EX-
ERTED BY HUMIDITY ON THE EXTERNAL FRIC-
TION OF SOLIDS (K Voprosu o Vliyani Vlazhnosti na
Vneshneye Treniye Tverdykh Tel). Jan 61 [9]p.
19 refs. RTS 1654.

Order from LC or SLA m\$1.80, ph\$1.80 61-15397

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR)
1960, v. 3, no. 4, p. 44-48.

A description is given of the technique and the results
of an investigation into the influence exerted by the
humidity of the surrounding atmosphere on external
static friction when there is a layer of highly dispersed
substances between the contact surfaces. (Author)

(Mechanics, TT, v. 5, no. 7)

61-15397

1. Solids--Surface properties
2. Solids--Moisture factors
3. Friction--Moisture factors
1. Toporov, Yu. P.
- II. RTS-1654
- III. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

Production of Slow π^+ -Mesons in Photographic
Emulsion Nuclei by 460 MEV Protons and Neutrons of 400
MEV Effective Energy, by V. V. Alpers, L. M.
Barkov, R. I. Garasimova, I. I. Gurevich, K. N.
Miklin, B. A. Nikol'ski, E. P. Toporkova, 5 pp.

RUSSIAN, no per, Zhur Eksp 1 Teoret Fiz, Vol XX,
No 5, 1956, pp 1025-1033.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 6

Sci - Physics
Apr 57 CTR

46, 744

The Status of Vitamin C Metabolism in Connection With
the Chronic Exposure of Workers in the Tobacco Industry
to Tobacco Dust, by L. B. Toporkova, 19 pp

RUSSIAN, bk, Sostoyaniye C-Vitaminogo Obmena v Svyazi
S Khronicheskim Voynistviem Tabachnoi Pyli u Rabochikh
Tabachnogo Promyshlennosti.

1970 X-4670

Sci - Med

Jul 68

Toperkova, L. B.
 THE STATUS OF VITAMIN C METABOLISM IN
 CONNECTION WITH THE CHRONIC EXPOSURE OF
 WORKERS IN THE TOBACCO INDUSTRY TO TO-
 BACCO DUST. 1961 10p. 2 refs.
 Order from OLS or SLA \$1.60. 62-15134

Tr. as. of ~~Sankhrop~~ ~~Gigienicheskii~~ Meditsinskii
 Institut. (USSR) 1959, v. 47, p. 243-253.

DESCRIPTORS: Ascorbic acid, Metabolism *Person-
 nel, Exposure, Tobacco, Industry, Vitamins.

Tobacco dust influences the vitamin C balance of
 workers in the tobacco industry. The urine of a majority of
 tobacco workers in a tobacco factory showed, even in
 the month of October (the period of optimal organo-
 synthesis of ascorbic acid in the body), a low con-
 centration of ascorbic acid, with a further decrease of this
 concentration, which indicates a gradual downward shift
 (Mol. med. i biokh. ~~Pathology~~, 11, v. 7, no. 120 (1961))

62-15134

L. Toperkova, L. B.

205302

Mol. med. i biokh. ~~Pathology~~

Second-Order Respiratory Conditioned Reflexes
in Cats, by L. A. Toporkova, 3 pp.

RUSSIAN, per, Byul Eksp. Biol. i Med, Vol XLVII,
No 2, 1959, pp 14-16.

Consultants Bureau

Sci
Sep 59

95, 613

Some Features of Respiratory Trace Conditional
Reflexes in Cats, by I. A. Topolnaya, 1961.

RUSSIAN, per, Zhurn Vysshy Nerv Deyatel i ori
I. P. Pavlova, Vol. XI, No 3, 1961, pp 322-324.

PI

Sci

Jun 62

23, 362

Conditioned Respiratory Reflexes in Cats, by L. A.
Toporkova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII,
No 4, 1957, pp 10-13.

Consultants Bureau

Sci - Med

May 58

64,421

Physicochemical Study of Systems Containing
Diphenylamine, II, V. V. Ulovenko,
K. I. ~~Toropina~~, 7 pp.

RUSSIAN, per Zhur Obahoh Khim
Vol. LXI, No.1, 1961, pp. ~~12~~ 3-8.

GB

Sol.

192, 283

Mar 62

Physicochemical Study of Systems With
Diphenylamine. I., by V. V. Udivenko, K. P.
Toporova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3189-3193.

CB

Sci

Oct 60

130,585

(NY-0578)

3

Surgical Anatomy of Pericardial Channels and Sinuses
by G. N. Toporov, 7 pp.

RUSSIAN, per, Vest Khirurgii imeni I. I. Grekov,
Vol LXXVI, No 3, 1961, pp 44-48.

JPRS 9574

160,031

Sci - Med
Jul 61

Military Physicians N. I. Koshin and Ye.
V. Bek - First Investigators of Grov
Disease in Transbaikai, by P. F. Stepanov,
G. N. Toporov

RUSSIAN, no par, Voenno Med Zhur, No 4,
Moscow, Apr 1959, pp 87-89

u.s.s.r.

med

Sci. Med

June 59

US JPRS 1736-N

92,951

(DC-3901/17).

On the Introduction of Probability Into Linguistics,
by V. N. Toporov, 10 pp.

RUSSIAN, per. Voprosy Yazykoznaniiya, No 6, 1959,
pp 28-39.

JPRS 3300

Sol - Minc
May 60

117,430

The Reaction of Certain Sulfides with Sulfur
Dioxide and Sulfates, by N. P. Dyev, V. V.
Pechukhev, V. V. TOROKOVA, N. F. Uspenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4,
1958, pp 782-784.

Consultants Bureau

Sci . Chem

Jun 59

88,665

Determining the Horizontal Displacements of Hydro-
electric Installations, by V. I. Toporovskiy,
3 pp.

RUSSIAN, per, Geodes i Kartog, No 3, 1959,
pp 38-41.

AGU

Sci

Jul 61

167,240

Technical Data and Description of the Russian
Expedition Ships Participating in the International
Geophysical Year Program: A. Otkupshchikov,
Toseda, 3 pp.

RUSSIAN, USSR World Data Center Institute of
Aeroclimatology, 1961, 2 pp.

Navy Tr 3055/ED 136-A

Sci - Geophys

Apr 62

190, 405

Thermodynamics of Compounds Formed by Tantalum,
Niobium, Titanium, Zirconium, Hafnium, and Sluadium
Chlorides With Alkali-Metal Chlorides, by L. S.
Morozov, D. Ya. Toptygin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, (Izdel Khim Nauk, No 11,
1959, pp 1920-1927.

CB

Sci -
May 61

153,054

Application of Physicochemical Analysis to the
Problem of Production of Titanium and Its Compounds
by Chlorination, by D. Ya. Toptgin, I. S. Morozov.
12 pp

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 4, 1961,
pp 713-724

CB

Sci

Feb 62

186,899

The Solubility of Ferric Chloride and of its
Melts with the Chlorides of Niobium, Aluminium
and Sodium in Titanium Tetrachloride, by
N. S. Morozov, D. Ya. Topolgin, 10 p.

RUSSIAN, per, Zhur Neorg Khim, 1957, Vol II,
No 9, pp 2129-2135.

SLA 59-14733

Sci
Mar 60
Vol 2, No 11

109,530

Investigation of Regularities of Stress Re-
laxation, by G.F. Login, L.N. Toptunova. 51 pp.
M.S.I.W. rpt. Trety III. Vsesoyuznoy Nauchnoy
Konferentsii. Sobremennyye Tsvetnyye i
Metallurgicheskiye Spivayshy, 1963, pp 198-201.

PI08231167

FTI-65-262

L.N. Toptunova

Sci/Materials

Nov 67

143,311

The Solubility of Ferric Chloride and Of Its
Salts With the Chlorides of Bismuth, Aluminium,
and Sodium in Titanium Tetrachloride, by N. S.
Morozov, D. Ya. Tsyggin. USSR.

KHIMIA, part, Zhur Novgorod Univ, Vol II, No 9,
1957, pp 2129-2135.

USSR Lending Library Unit
M. 103

Sci - Chem
Apr 59

86,725

The Reaction of Vanadium Chlorides With
Titanium Tetrachloride and Carbon Tetrachloride,
by N. S. Morozov, D. Ya. Tsytogin. USSR

RUSSIAN, per, Zhur Zhurnal Khim, Vol I, No 11,
1956, pp 2601-2607.

DSIR Lending Library Unit
M. 104

Sci - Chem
Apr 59

86,724

85
Problems in Electrodynamics, by
V. V. Ruzhynskii, I. N. Topolovskii.
MOSCOW, U.S.S.R., 1964.
Academic Press

I. N. Topolovskii

Plot
Sci-Pubs
May 68

501,177

On the Theory of Bremsstrahlung and Pair
Production in a Medium, by I. N. Toptygin,
8 pp,
RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLVI, No 3, 1964, pp 850-852.

Amer Inst of Phys
Soviet Phys - JETP
Vol XIX, No 3,

Sci
Oct 64

27,781

Relativistic Spherical Functions II, by A. L.
Dolgikhov, K. N. Topiygin, 7 pp.

RUSSIAN, per, Zhur Eksp i Teoret Fiz, Vol XXXVII,
No 5 (11), 1959, pp 1441-1451.

Amer Inst of Phys
Sov Phys-JETP
Vol XXXVII (10), No 5

Sci

Jun 60

118, 285

Elastic Collisions between Fast Polarized
Particles and Atoms, by V. V. Belygin, U.S.S.R.
Zhurnal, 5 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, vol XXVII,
no 5 (11), 1959, pp 1372-1378.

Amer Jour of Phys
Sci Mag-ETEF
Vol XXXVII (10), 1959

Sci
Jan 60

117, 819

Influence of Charge Distribution in the Transition of
Angular Correlation in β -Decay, by A. S. Balashov,
I. N. Zhuravskiy, 9 pp.

RUSSIAN, no par, in Akhukh SSSR, Ser Fiz. Vol. 11,
No 12a, 1986, pp 1377-1386.

Columbia Tech

Sci - Physics
EML 90

57 6 52

Multiple Scattering of Polarized Electrons, by
I. N. Topolyan, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol. XXVI(9), No 2, 1959, pp 488-498.

18
Amer Inst of Phys
Sov Phys - JETP

Sci - Phys

Sept 59

97,172

Determination of Water in Compounds by the Hydride
Method, by G. M. Toptygina, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 2,
1961, pp 201-204.

CB

200,761

Sci
Apr 62

Compounds of Titanium Trichloride with Alkali
Metal and Ammonium Chlorides, by I. S. Morozov,
G. M. Topygina, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 11, 1961,
pp 2528-2535.

Cleaver-Hume Press

Sci

Oct 62

213,817

Thermographic and X-Ray Diffraction Investigation
of Compounds of Titanium Trichloride with
Ammonium and Alkali-Metal Chlorides, by I. S.
Morozov, G. M. Tertygina, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 11, 1961,
pp 2536-2544.

Cleaver-Hume Press

Sci

213,218

Oct 62

The TiCl_4 - HCl - H_2O System at 0° , by G. N. Toptygina,
I. S. Makozov, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 7,
1961, pp 1685-1692.

Cleaver-Hume Press Ltd.

Sci
23 Jul 62

207,246

Alkali-Metal and Ammonium Chlorotitanates and
Oxo-chlorotitanates, by I. S. Morozov, G. M. Toptygina
6 pp.

RUSSIAN per, Zhur Neorg Khim, Vol V, No ^{//} 10, 1960,
pp 2518-2529.

Cleaver-Hume Press

Sci

170,066

Sep 61

Investigation of Hydrochloric Acid Solutions of
Titanium Tetrachloride, by I. S. Morozov, G. M.
Topolova, 15 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol XI, No 7,
1957, pp 1629-1638.

AKC-tr-4057

Sci - Chemistry

Dec 60

FST 84

134, 106

69
Problem of Using a Difference Method for Analyzing
Transient State Performance Under Variable Regime,
by A. M. Pogorelov.
ENGINEERING, part, ~~Engineering~~, No 12, 1963, pp 29-32.
REF ID: A7-23-738-60

A. M. Pogorelov
Sect. Chief
Aug 63

THE DESIGN OF A STAGE WITH CONICAL RESTRICTING
SURFACES, BY A. M. TOPUNOV, 13 PP.

RUSSIAN, PER, TEPLOENERGETIKA, NO 12, 1961,
PP 55-59. 9665937

FTD-TTE-62-665

SCI - ENGR

AUG 62

206,323

Theory of the Long-Blade Turbine Stage:
the Radical Change of Parameters Before the
Nozzle and Purely Axial Exit Flow ($V_{\alpha} = 0$)
by A. B. Topunov.

RUSSIAN, per, Teploenergetika, Vol VII,
No 5, 1960, pp 27-32.

NLL M.4262

See - Physa

193, 929

Apr 62

Application of an Incremental Method to Analyze
the Operation of Turbine Stages in Changing
Regimes, by A. E. Tojunov, Ye. V. Myachin,
11 pp.

RUSSIAN, per, Sudostroyeniya, No 12, 1963.

pp 29-32.

AIR/PTD/DT-23-738-68

A. M. Tojunov

Sci/Proj & Fuel
Nov 69

393,539

PROBLEMS REGARDING THE IMPROVEMENT OF CONDITIONS
FOR THE STRENGTH AND PERFORMANCE OF LONG
BLADES IN TURBINES, BY A. N. TOPUNOV.

RUSSIAN, PER, SUDOSTROYENIE, NO 11, 1958,
PP 29-34.

NLL RTS 1978

SCI - ENGR

JAN 62

XXXX199,900